

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: DEANE, Peter; LEGNAIN, Abdelgader; DA SILVEIRA, Marthinus;  
MCGOWAN, Neil  
Serial No.: 10/642,649  
Filed: August 19, 2003  
Title: METHOD AND APPARATUS FOR PROCESSING MULTIPLE  
COMMON FREQUENCY SIGNALS THROUGH A SINGLE  
CABLE USING CIRCULATORS  
Group: 2419  
Examiner: TSEGAYE, Saba  
Attorney Ref.: PAT 2139-2 US

January 18, 2010

Commissioner for Patents  
United States Patent and Trademark Office  
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**RESPONSE UNDER 37 C.F.R. 1.111**

This is in response to the Office Action dated September 17, 2009.

**Remarks/Arguments** begin on page 2 of this document.